DVR051 - 16CH H.264 Embedded DVR

Quick Overview
16CH H.264 Video Compression Technology. Multilanguage menu
Real time live display
Multiplex (Playback /Recording / Ethernet/ Backup)
Easy USB / DVD/ Network Backup
Easy PTZ camera control by pre-assigned
button
Remote monitoring and download through network
Motion Detection
Spot Monitor
Support up to 2 x SATA Hard Drives
Including Remote & Client Software
4 x Audio Inputs
Built in VGA & BNC Output
16 x Loop out ports for seperate camera view

Features

H.264 Video Compression Technology
Highly improves video quality for live, recording, and network
Recording file size is minimized for longest recording time
Lower bit rate required for fastest network transfer
Long Recording Time
The recording time is greatly extended with the smart recording design that only the motion-triggered channel will be recorded, and the video loss channel won't be recorded
VGA Output
Built-in VGA interface
Output resolution up to 1600 x 1200
Multiplex Operation
Allows users to operate live display / playback, recording, backup, and network simultaneously
Audio Recording
Supports four audio inputs and two audio outputs
Quick Search
Supports time search, event (motion-triggered recording) search and alarm search
Easy Backup
Supports USB flash drive, DVD writer (optional), and network for easy backup
Easy Playback on PC
All the backup files can be played directly on your computer by Windows Media Player, and there is no need to install any software
User-friendly OSD
Graphical & multi-language OSD makes operation easier and more user-friendly
Remote Independent Operation
Changing of live view on the remote side is independent from the local site
Central Management System
Supports Central Management System function for remote surveillance to monitor up to 16 different IP addresses easily
Low Cost Network Setup
Supports dynamic IP for users with limited budget
Easy and Free Upgrade
Releases new firmware for free upgrade to advanced functions, and the upgrade can be completed via USB flash drive or network
Others
Supports Frame / Field / CIF resolution for recording
Supports SATA HDDs
Supports Pelco-D & Pelco-P for speed dome control
Supports day-light saving
Supports covert recording
Supports IR remote control
Supports auto recovery after power failure
Supports watch dog function after network disconnection

Video System		NTSC / PAL (auto detection
Video Compression Format		H.264
Video Input		16 Channels (Composite video signal 1 Vp-p 75Ω BNC)
Video Loop Output		16 Channels (Composite video signal 1 Vp-p 75Ω BNC)
Video Output (BNC)	Main Monitor	For stable display
	Call Monitor	For sequence display
Video Output (VGA)		**Built-in VGA interface for LCD monitor (output resolution up to 1600 x 1200)**
Audio Input		4 Channels (Mono)
Audio Output		2 Channel (Mono)
Multiplex Operating		Supports live display, recording, playback, backup, and network simultaneously
Maximum Recording Rate	FRAME	60 IPS @ 704×480 <NTSC> / 50 IPS @ 704×576 <PAL>
	FIELD	120 IPS @ 704×240 <NTSC> / 100 IPS @ 704×288 <PAL>
	CIF	240 IPS @ 360×240 <NTSC> / 200 IPS @ 360×288 <PAL>
Recording Mode		Manual / Timer / Motion / Alarm / Remote
Recording Quality Options		Super Best, Best, High & Normal
Pre-alarm Recording		YES (8 MB)
HDD Type		**SATA**
HDD Storage**		Up to two HDDs
HDD Quick Cleaning		Deletes HDD Data Efficiently (1TB within 2 seconds)
Quick Search		Time / Motion / Alarm search mode
USB Flash Drive Backup		YES
DVD Writer Backup		NO / YES
Playback on PC		Windows Media Player compatible
Network Transfer Format		H.264
Ethernet		10/100 Base-T
Network Protocol		TCP/IP, PPPOE, DHCP and DDNS (Dynamic IP)
Network Surveillance Interface		Licensed software "Video Viewer" / Internet Explorer or Mozilla Firefox web browser / QuickTime player
Remote Independent Operation		YES
Network Alarm Notification		E-mail and FTP server
CMS (Central Management System)		YES (Maximum: 16 different IP addresses)
Operating System for Network Function		Windows Vista / XP / 2000; Apple MAC
IR Remote Control		YES
Multilingual OSD		YES
Motion Detection Area		16 × 12 grids per channel
Motion Detection Sensitivity		Four adjustable parameters for accurate detection
PTZ Camera Control		YES (Pelco-D & Pelco-P)
External Alarm		8 inputs, 1 output

Video System	NTSC / PAL (auto detection
Picture Zoom	2X digital zoom
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY
Daylight Saving	YES
Power Source (±10%)	DC 19V
Power Consumption (±10%)	< 64 W
Operating Temperature	10**℃** ~ 40**℃** (50**℉**~104**℉**)
Dimensions (mm)**	432(W) × 90(H) × 326(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard controller